

# WATER WELL REPORT

Application No.

32/01E-3F

STATE OF WASHINGTON

Permit No. 51-22778

City #11

(1) OWNER: Name CITY OF OAK HARBOR Address 3075-300 Ave W. OAK HARBOR W.N. 98277

(2) LOCATION OF WELL: County ISLAND SE 1/4 NW 1/4 Sec 3 T. 32 N. R. 16 W.M.  
Bearing and distance from section or subdivision corner 730' W & 200' N OF CTR OF SEC 3.

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☒  
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well # 11  
(if more than one).....  
New well ☒ Method: Dug ☐ Bored ☐  
Deepened ☐ Cable ☒ Driven ☐  
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 8 inches.  
Drilled 255 ft. Depth of completed well 245 ft.

(6) CONSTRUCTION DETAILS:  
Casing installed: 8" Diam. from 0 ft. to 210 ft.  
Threaded ☐ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Welded ☒ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Perforations: Yes ☐ No ☒  
Type of perforator used \_\_\_\_\_  
SIZE of perforations \_\_\_\_\_ in. by \_\_\_\_\_ in.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Screens: Yes ☒ No ☐  
Manufacturer's Name JOHNSON  
Type STAINLESS Model No. 324  
Diam. 8 Slot size 82 from 210 ft. to 215 ft.  
Diam. 8 Slot size 10 from 215 ft. to 225 ft.  
8 225 - 245  
Gravel packed: Yes ☐ No ☒ Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Surface seal: Yes ☒ No ☐ To what depth? 26 ft. ft.  
Material used in seal BENTONITE  
Did any strata contain unusable water? Yes ☐ No ☒  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_

(7) PUMP: Manufacturer's Name \_\_\_\_\_  
Type: \_\_\_\_\_ H.P.

(8) WATER LEVELS: Land-surface elevation \_\_\_\_\_ ft.  
above mean sea level. \_\_\_\_\_ ft. below top of well Date NOV 77  
Static level 165 ft. below top of well Date NOV 77  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
Artesian water is controlled by \_\_\_\_\_ (Cap. valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level  
Was a pump test made? Yes ☒ No ☐ If yes, by whom? DRILLER  
Yield: 175 gal./min. with 41 ft. drawdown after 4 hrs.  
" 175 " 41 " 6 "  
" 175 " 41+ " 12 "  
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  
Time Water Level Time Water Level  
2 min 1 1/2' FROM SL 5 min 1' FROM SL  
10 min 6" FROM SL SL  
Date of test NOV 77 - 11/9/77  
Ballot test 2.0 gal./min. with 5 ft. drawdown after 4 hrs.  
Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
Temperature of water \_\_\_\_\_ Was a chemical analysis made? Yes ☒ No ☐

(10) WELL LOG:  
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
FILL DIRT	0	5
HARD PAN (GRAY)	5	36
SANDY HARD	36	45
DIRTY BROWN SAND	45	62
CLAY (GRAY)	62	74
SANDY CLAY	74	95
DIRTY SAND	95	132
SANDY CLAY	132	158
DIRTY SAND	158	174
WATER SAND FINE	174	186
GRAY CLAY	186	189
SANDY CLAY	189	193
WATER SAND (DIRTY)	193	200
WATER SAND #12	200	215
WATER SAND #10	215	225
WATER SAND #8 (FINE)	225	255

175 G.P.M. From 206  
(MAX 180 GPM)

Work started OCT, 19 77 Completed NOV, 19 77

WELL DRILLER'S STATEMENT:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME WHIDBEY WELL DRILLERS  
(Person, firm, or corporation) (Type or print)  
Address OAK HARBOR W.N.  
[Signed] Dennis Fisher  
(Well Driller)  
License No. 129 Date NOV, 19 77